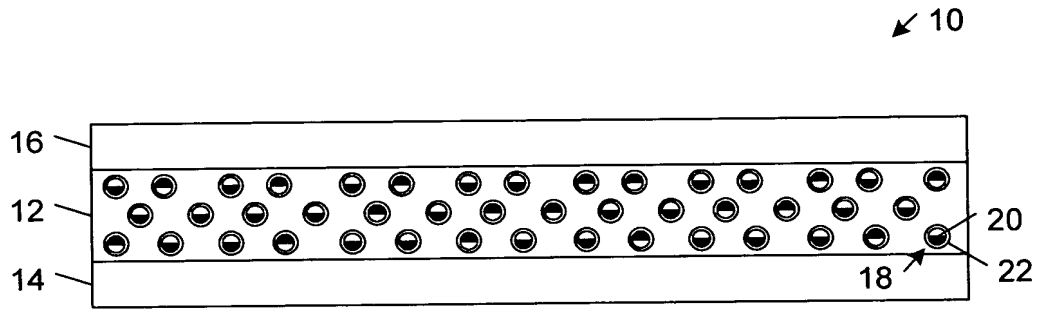

FIG. 1

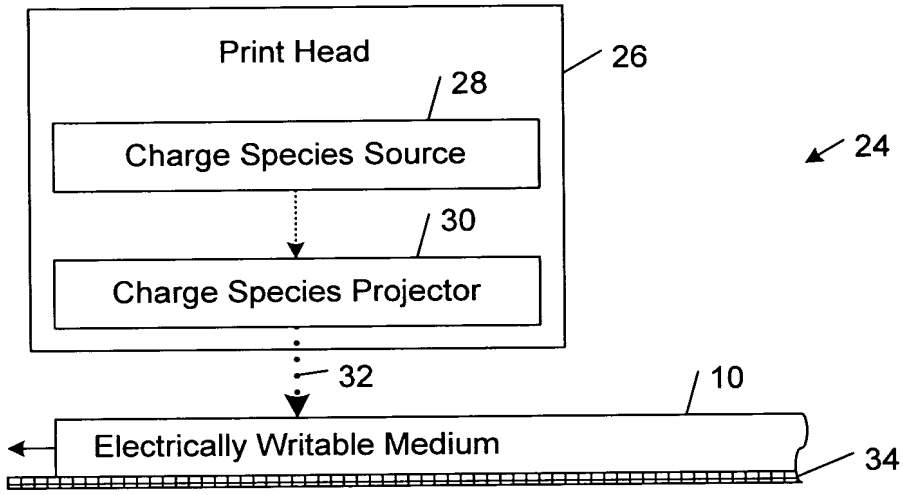

FIG. 2

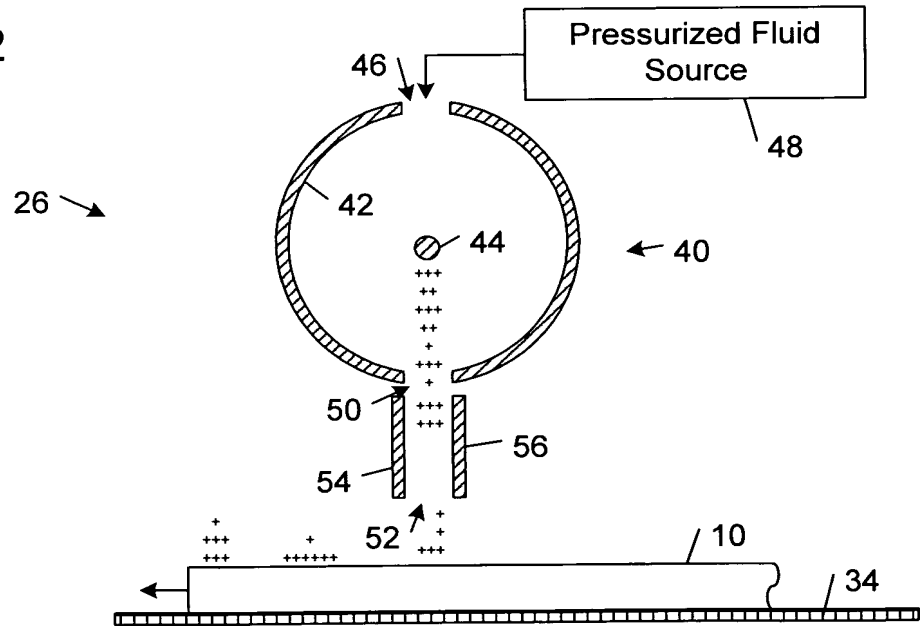

FIG. 3A

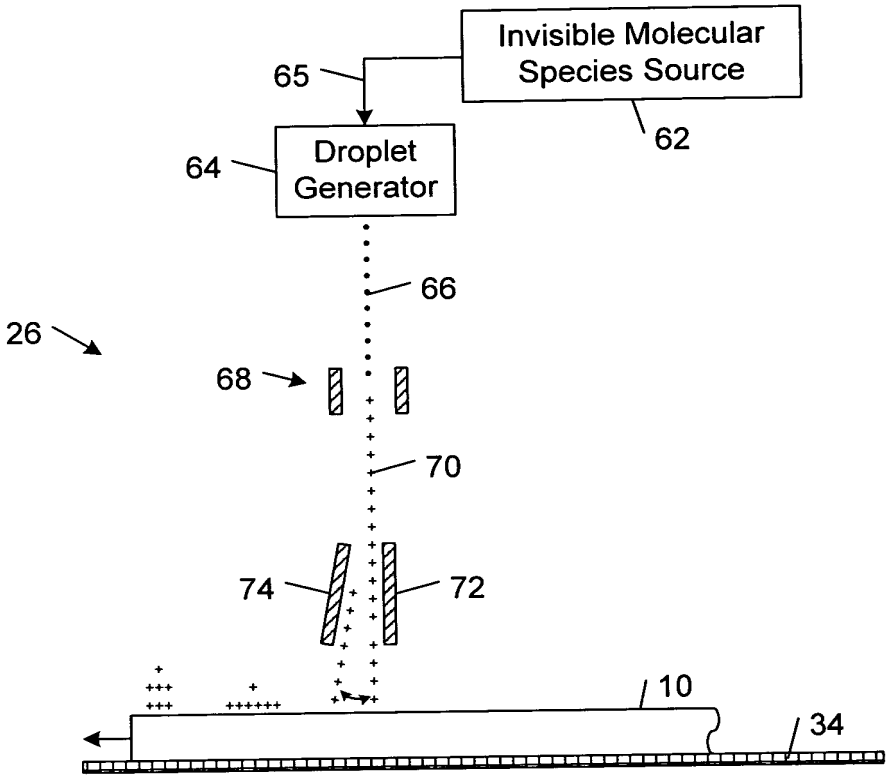
Invisible Molecular Species Source
65
62
64
Droplet Generator
66
26
68
70
74
72
10
34

FIG. 3B

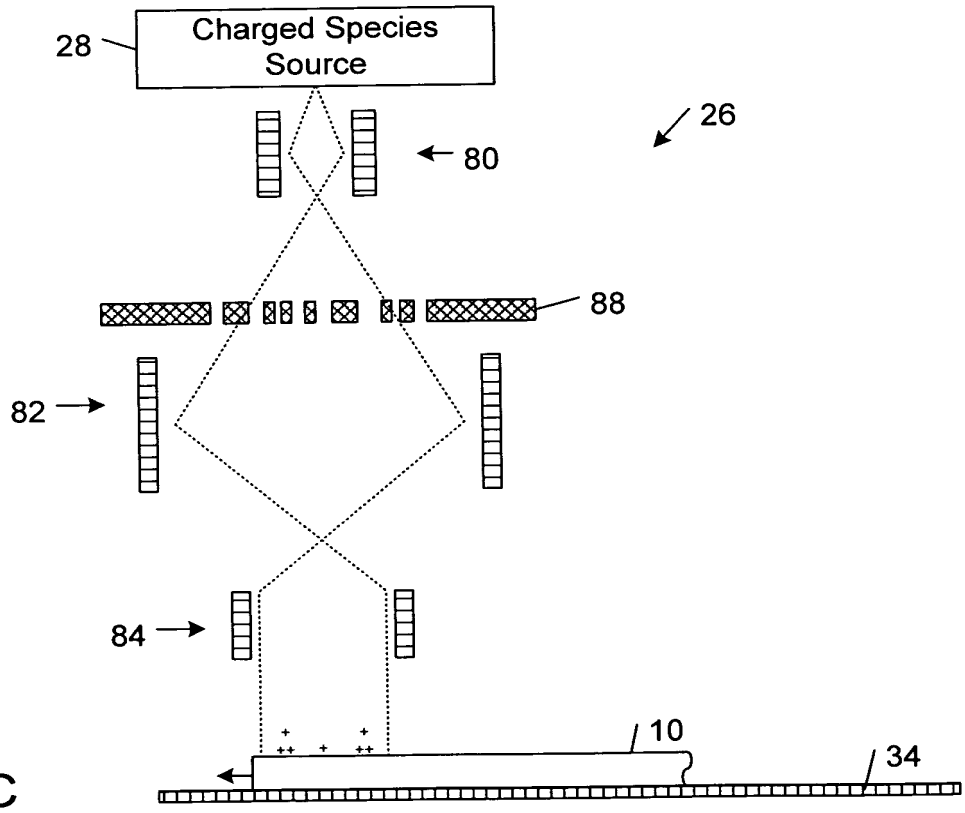
28
Charged Species Source
26
80
88
82
84
10
34

FIG. 3C

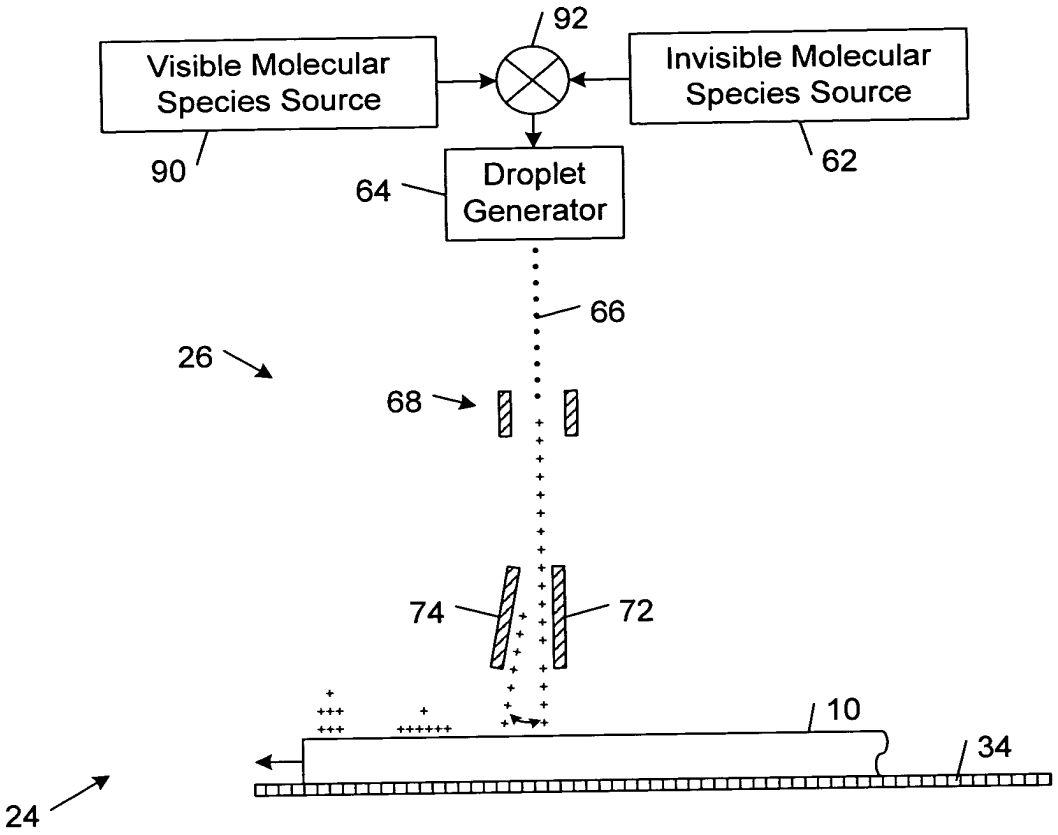
92
Visible Molecular Species Source
Invisible Molecular Species Source
90
62
64
Droplet Generator
66
26
68
74
72
10
34
24

FIG. 4

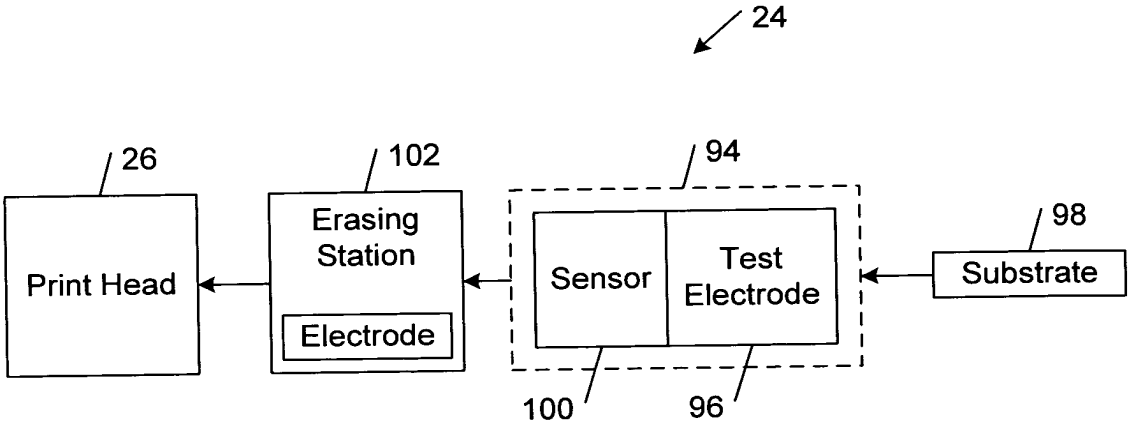
24
26
102
94
98
Print Head
Erasing Station
Electrode
Sensor
Test Electrode
Substrate
100
96

FIG. 5

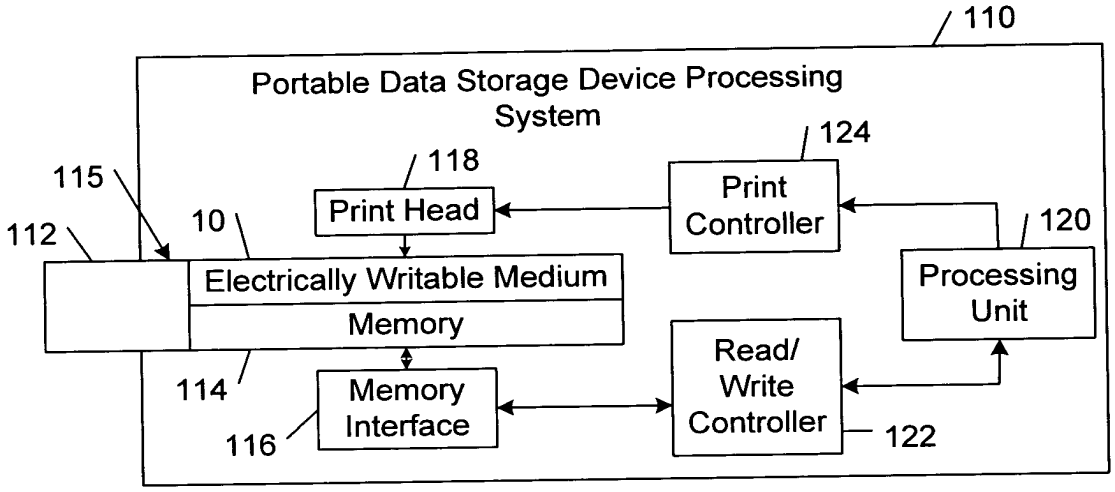
110
Portable Data Storage Device Processing System
124
118
115
Print Head
Print Controller
10
120
112
Electrically Writable Medium
Memory
Processing Unit
Read/ Write Controller
114
Memory Interface
116
122

FIG. 6A

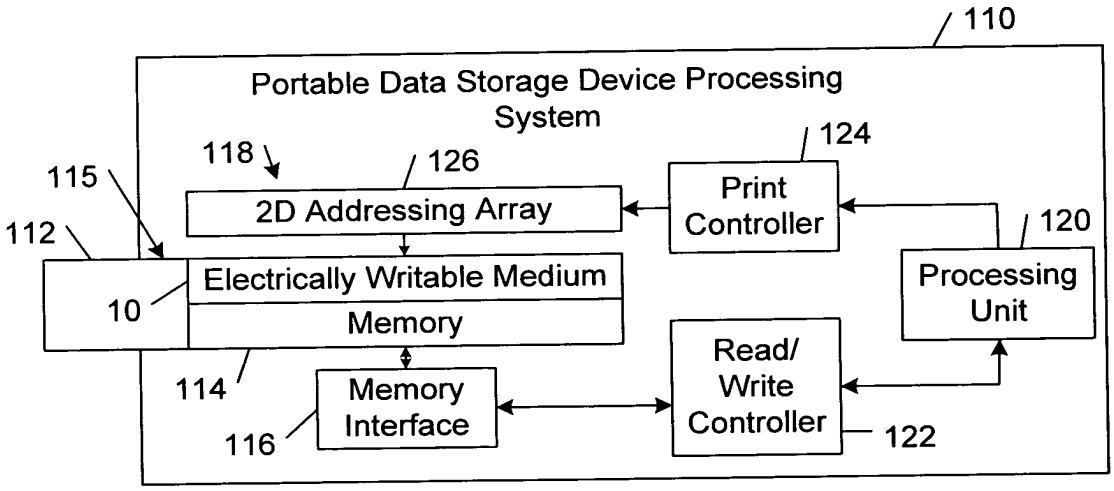
110
Portable Data Storage Device Processing System
124
118
126
115
2D Addressing Array
Print Controller
120
112
Electrically Writable Medium
10
Memory
Processing Unit
Read/ Write Controller
114
Memory Interface
116
122

FIG. 6B

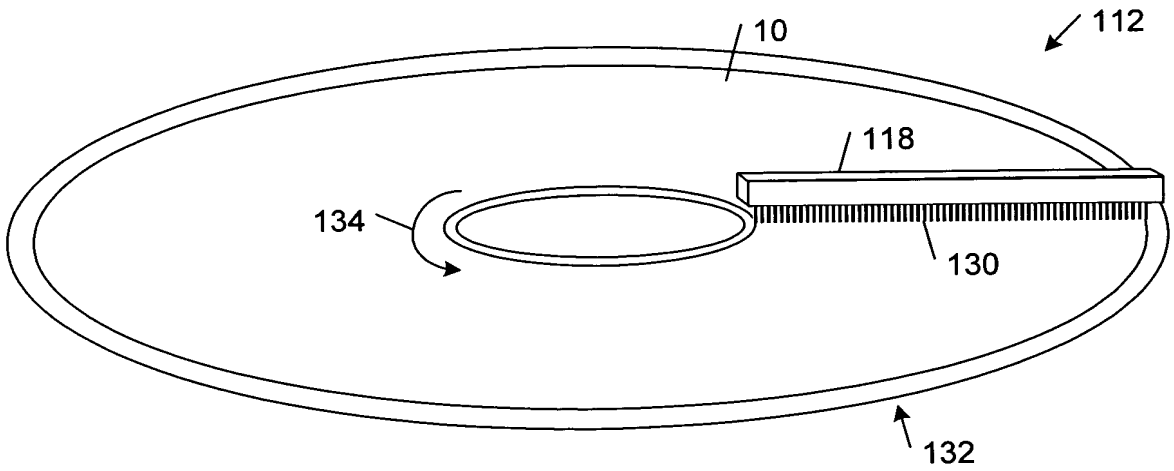

FIG. 7

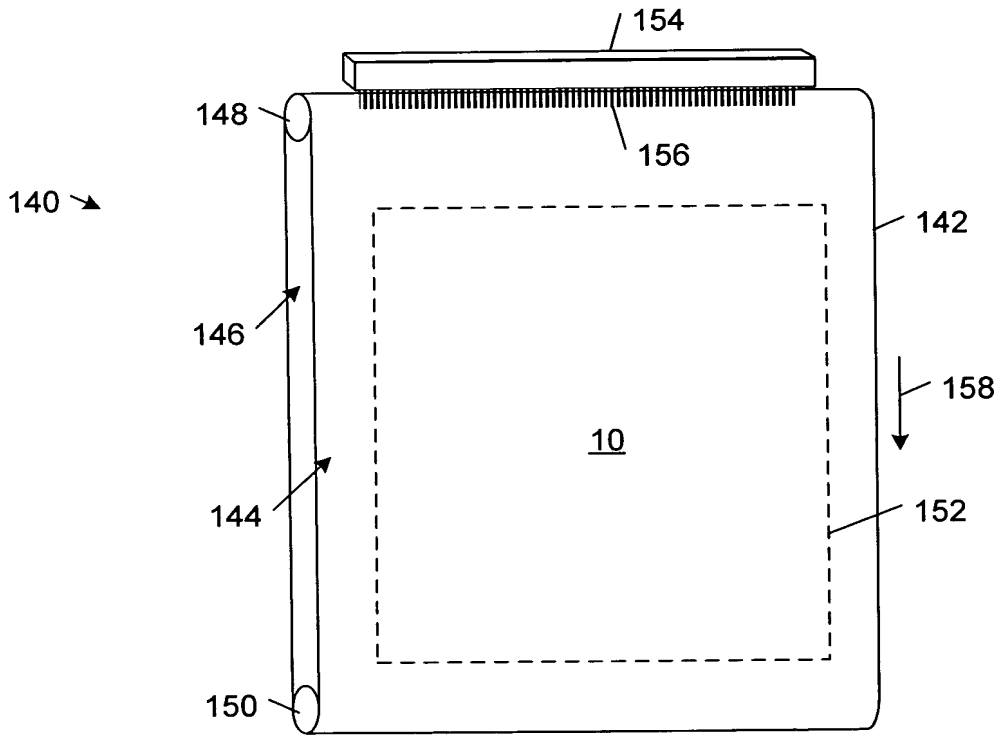

FIG. 8

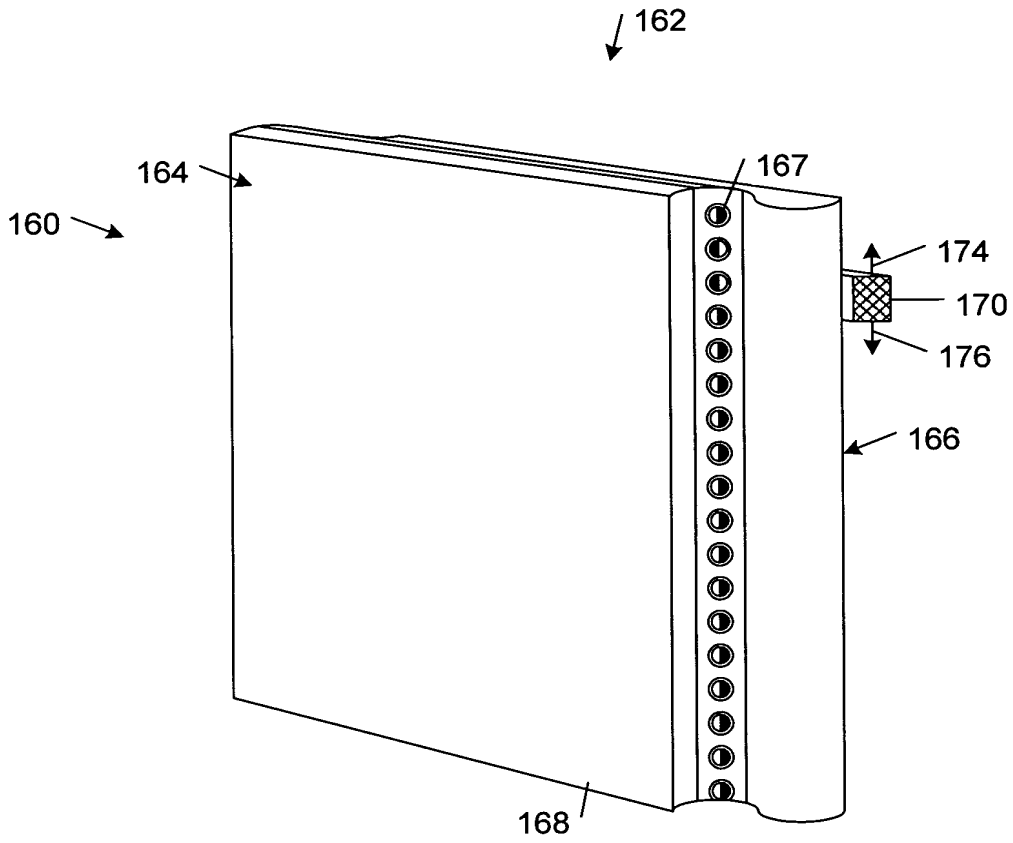

FIG. 9